

POLREP #7
Somers BN Tie Plant (Proposed NPL Site)
Release of Creosote and Related Wastes
Flathead Lake, near Somers, Flathead County, Montana
Site #63, Case #85251

I. SITUATION:

- A. PST continues Federal monitoring.
- B. Weather on site: scattered thunderstorms; Temperature: mid 70s; wind N early morning, then southerly 5-10 kts. rest of day.
- C. Flathead Lake elevation: 2888.99'.
- D. 41,000 gallons of contaminated liquids from the swamp pond were placed in the RCRA overflow pit and 56,000 gallons in the BN storage tank. The last 8,000 gallons of liquid was mostly oil. Approximately 5-8,000 gallons are left in the pond. No significant swamp pond recharge has been noted.
- E. HNu surveys by PST show readings as follows:
 - 1 inch above contaminated sludge = 17.5 ppm
 - 2 feet above contaminated sludge = 2.8 ppm
 - at breathing zone near sludge = 1.6 ppm
- F. Limited public interest at this time.

II. ACTION TAKEN:

- A. A working ramp for heavy equipment was constructed parallel to Flathead Lake front between the lake and the pond. The ramp, approximately 250'x 25', begins 3' north of the high water berm. All contaminated sludge and soil from below the footprint was piled north of the ramp. The ramp now rests on clean clay. A 1 inch thick contaminated soil layer, that lies 4-6 inches below the ground surface, extends 100' eastward from the pond. Removal of this 1 inch layer of contaminated soil would require 8 inches of soil excavation. BN agreed that, if storage space is available after the highly contaminated soils have been removed, this 1 inch layer will also be removed. The ramp required 900 cu. yds. of fill.
- B. BN supplied a copy of their Health and Safety Plan for PST and OSC review. After review, PST requested that BN include an addendum to the existing Plan whereby all persons on site will wear a full face respirator with organic vapor cartridges and dust filters during sludge removal operations. BN will also provide adequate Liquid Chemical Resistant splash suits, gloves and boots.
- C. Installation of the 80 ml liner in the sludge pit continues.



III. PLANS:

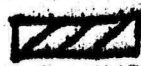
- A. Continue installation of the 80 ml liner. The RCRA sludge pit should be operational Thursday afternoon, May 28th.
- B. All persons involved with sludge removal will be fit tested by PST and briefed on hazards involved.
- C. RCRA sludge pit will have the pea gravel in place by Thursday noon. Sludge removal will begin Thursday afternoon. BN trucks used for removal will be lined with plastic for each trip.
- D. Pacific Strike Team personnel will continue with air monitoring of the work site with the HNu.
- E. Continue pumping liquids from pond.

IV. CASE PENDS:

Floyd D. Nichols, OSC
1000 hrs, May 22, 1985

(3225F)

● Soil sample locations

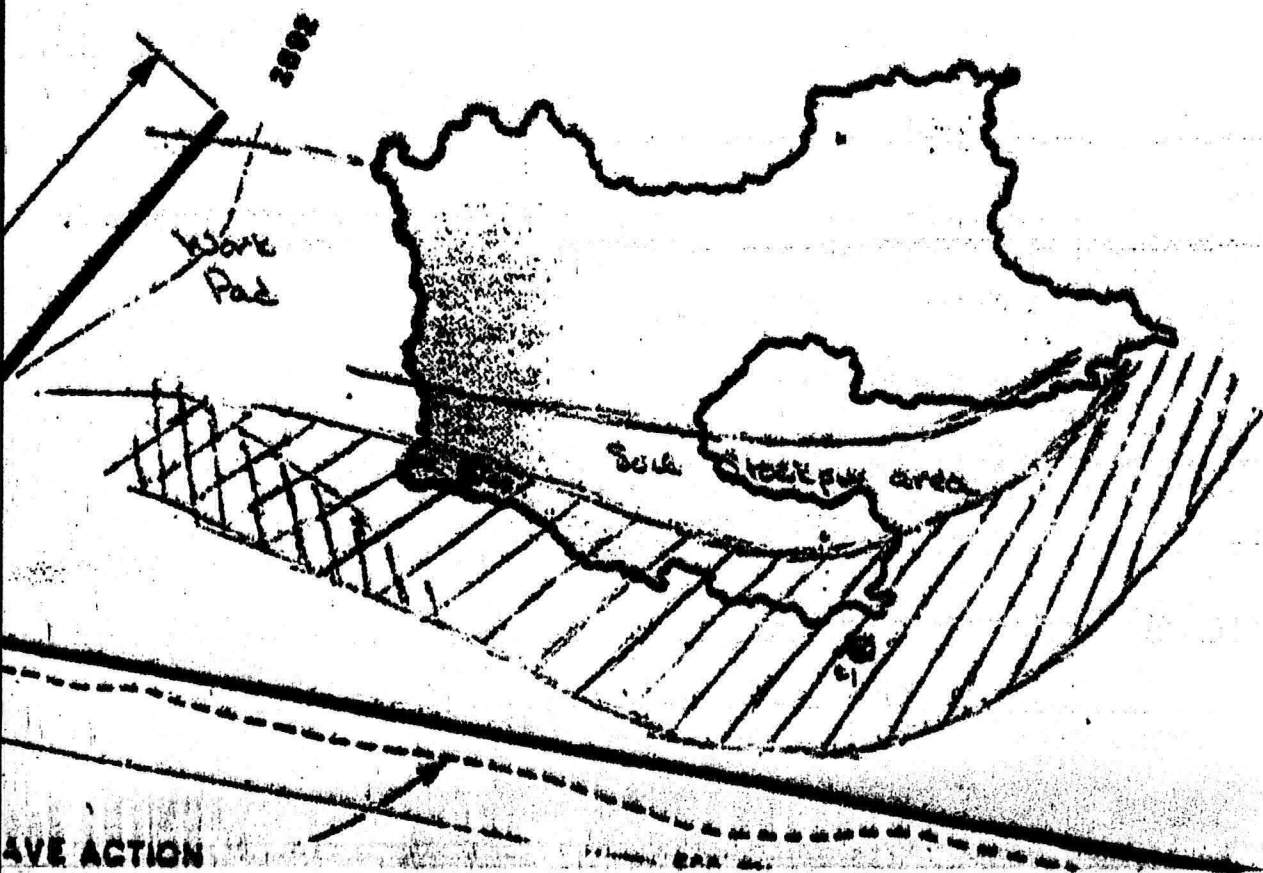


Cleaned & backfilled



Cleaned, backfilled and brought to grade

MARSHLAND



AVE ACTION